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SUBJECT 4. (Amended) The rolling bearing as defined in [any one of claims 1 to 3] claim 1 or 2, wherein at least the rolling element is formed of an alloy steel with a Cr content of 7% by weight or more and 27% by weight or less, and fine carbides are uniformly dispersed on the surface.

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SUBJECT 5. (Amended) The rolling bearing as defined in [any one of claims 1 to 4] claim 1 or 2, wherein at least the rolling element comprises oxide ceramics or has a dense nitride layer on the surface of the rolling element, and the surface roughness of the rolling element, and the surface roughness of the rolling element is 0.005 μm Ra or less and the surface hardness is Hv 900 or more.

Please add the following new claims:

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SUBJECT 11. The rolling bearing as defined in claim 3, wherein at least the rolling element is formed of an alloy steel with a Cr content of 7% by weight or more and 27% by weight or less, and fine carbides are uniformly dispersed on the surface.

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SUBJECT 12. The rolling bearing as defined in claim 3, wherein at least the rolling element comprises oxide ceramics or has a dense nitride layer on the surface of the rolling element, and the surface roughness of the rolling element, and the surface roughness of the rolling element is 0.005 μm Ra or less and the surface hardness is Hv 900 or more.

13. The rolling bearing as defined in claim 4, wherein at least the rolling element comprises oxide ceramics or has a dense nitride layer on the surface of the rolling element, and the surface roughness of the rolling element, and the surface roughness of the rolling element is $0.005 \mu\text{m}$ Ra or less and the surface harness is Hv 900 or more.

14. The rolling bearing as defined in claim 11, wherein at least the rolling element comprises oxide ceramics or has a dense nitride layer on the surface of the rolling element, and the surface roughness of the rolling element, and the surface roughness of the rolling element is $0.005 \mu\text{m}$ Ra or less and the surface harness is Hv 900 or more.--

IN THE ABSTRACT

Please cancel the abstract in its entirety and substitute therefor the attached Abstract.

REMARKS

Prior to calculation of the filing fee and examination, it is respectfully requested that the above amendments be entered. These amendments have been made merely to put the application in better form for U.S. practice.

If there are any questions regarding this amendment or the application in general, a telephone call to the undersigned would